SEQUENCE LISTING

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TECH CENTER 1600/2900

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<120> MICROELECTRONIC MOLECULAR DESCRIPTOR ARRAY DEVICES, METHODS,
PROCEDURES, AND FORMATS FOR COMBINATORIAL SELECTION OF INTERMOLECULAR
LIGAND BINDING STRUCTURES AND FOR DRUG SCREENING

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Patrick Eagleman: Nanogen 241/172
      09/374,338
141> 1999-08-13
<160> 31
<170> PatentIn version 3.0
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<223> Base 7 modified with a Peptide

7

Alt

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ngaagggn
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 <221> modified base
 <222> (7)..(7)
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 Cys Leu Ser Leu Glu Gly
 <210> 9
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<223> 1st amino acid is modified with pyranosyl RNA

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<400> 9
Cys Ser Leu Glu Ser Gly
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<400> 10
Cys Leu Leu Ser Glu Gly
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      Artificial Sequence
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Cys Ser Arg Ser Arg Gly
<210> 12
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<222> (1)..(1)

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Cys Ser Arg His Arg Gly
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Cys His Arg Tyr Arg Gly
<210> 14
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<210> 16
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       (4)..(4)
       Base 4 is tryptamine
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cccnnggg
<210> 17
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<222> (1)..(8)

<223> Entire sequence is pyranosyl RNA

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<222> (3)..(3)
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<222> (4)..(4)
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<212> DNA

<220>

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<222> (5)..(5)
<223> Base 5 is tryptamine
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<221> modified_base
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<223> Base 4 and 5 is modified by thioester linkage to Seq. ID No. 20
<400> 19
                                                                       8
cccnnggg
<210> 20
<211> 6
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Cys Phe Pro Tyr Trp Gly
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<223> Entire sequence is pyranosyl RNA

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ngaagg
<210> 22
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gggggn
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ccttcncccc c

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Cys His His His Gly
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Cys Phe Pro Ser Phe Gly
       26
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-<221> - modified_base
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ANT.

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cgggggn

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ccttcncccc c
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<223> Base 1 is tryptamine
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<221> modified_base <222> (1)..(1)

<223> Base 1 is modified with Biotin

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<400> 28
                                                                    9
ngggaaggg
<210> 29
<211> 8
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Alt

<400> 30 taggcant

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<223> Base 2 is tryptamine
 400>
antgccta
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